

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented) A method in a distributed system for passing a first object and a second object, wherein the first object and the second object are instances of a class, comprising the steps of:

passing the first object from a sender to a recipient with a descriptor of the class and a handle corresponding to the descriptor;

storing the handle and the descriptor received from the sender with the first object by the recipient;

passing the second object from the sender to the recipient with the handle; and
using the handle received by the recipient with the second object to access the descriptor received by the recipient with the first object.

2. (Original) The method of claim 1, further comprising the step of:
assigning, by the sender, the handle to the descriptor of the class.

3. (Original) The method of claim 1, further comprising the step of:
assigning, by the recipient, the handle to the descriptor of the class.

4. (Original) The method of claim 1, further comprising the steps of:
using the descriptor by the recipient to interpret the first object; and
using the descriptor by the recipient to interpret the second object.

5. (Previously presented) A method in a distributed system for passing a first object and a second object to a recipient, wherein the first object and the second object are instances of a class, comprising the steps of:
passing, by a sender, the first object to the recipient with a descriptor of the class and a handle corresponding to the descriptor; and
passing, by the sender, the second object to the recipient with the handle, whereupon receipt by the recipient, the recipient uses the handle received with the second object to access the descriptor of the class received with the first object.

6. (Original) The method of claim 5, further comprising the step of:
assigning the handle to the descriptor of the class.

7. (Previously presented) A method in a distributed system for interpreting a first object and a second object, wherein the first object and the second object are instances of a class, comprising the steps of:
receiving the first object from a sender with a descriptor of the class and a handle corresponding to the descriptor;

storing the handle and the descriptor;
receiving the second object with the handle; and
using the handle received with the second object to access the descriptor
received with the first object.

8. (Original) The method of claim 7, further comprising the step of:
assigning the handle to the descriptor of the class.

9. (Original) The method of claim 7, further comprising the steps of:
using the descriptor to interpret the first object; and
using the descriptor to interpret the second object.

10-14. (Cancelled).

15. (Previously presented) A distributed system comprising:
a client computer, comprising:

a memory with a client program that sends an object of a class to a
remote location together with a handle corresponding to a descriptor of the class, and
with an outgoing serialization context that stores the descriptor of the class and the
handle corresponding to the descriptor; and

a processor that runs the client program; and

a server computer, comprising:

a memory with an incoming serialization context that stores the descriptor of the class and the handle received from the client computer before the object was sent, and with a server program that receives the object from the client program and that uses the handle received with the object to access the descriptor of the class in the incoming serialization context; and

a processor that runs the server program.

16. (Cancelled).

17. (Previously presented) A computer-readable medium containing instructions for controlling a data processing system to perform a method, the method for sending a first object and a second object from a source to a destination, wherein the first object and the second object are instances of a class, the method comprising the steps of:

sending the first object from the source to the destination with a descriptor of the class and a handle corresponding to the descriptor;

storing the handle and the descriptor received from the source by the destination;

sending the second object from the source to the destination with the handle; and

using the handle received by the destination with the second object to access the descriptor received by the destination with the first object.

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18. (Cancelled).

19. (Currently amended) The method of claim 1, further comprising the step
of wherein the creating step further comprises:

creating a serialization context including the handle, the descriptor, and an
indicator of whether the serialization context has been sent to the sender.

20. (Previously presented) The method of claim 1, further comprising the step of:
determining whether the class descriptor is accessible to the recipient.

21. (Currently amended) The method of claim 5, further comprising the step
of wherein the creating step further comprises:

creating a serialization context including the handle, the descriptor, and an
indicator of whether the serialization context has been sent to the sender.

22. (Previously presented) The method of claim 5, further comprising the step of:
determining whether the class descriptor is accessible to the recipient.